

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 01-1637)

In re Application of:

Niels Krebsfanger, et al.

Serial No.: 10/018,320

Filed: February 15, 2001

For: Stable Expression for Polymorphic Forms of Human
Cytochrome P450 2D6 as an Analytical Tool in
Preclinical Drug Development

Examiner: Shakeel Ahmed

Art Unit: To be assigned

Confirmation No. 1633

Mail Stop: MISSING PARTS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

1. We are transmitting herewith the attached papers for the above-identified Utility Patent Application:

- ☒ Transmittal Letter (1 sheet, in duplicate);
- ☒ Response to Notification of Missing Requirements (2 sheets);
- ☒ Copy of Notification of Missing Requirements mailed May 21, 2004(2 sheets);
- ☒ Sequence Listing in Paper and Computer readable format (5 sheets and 1 diskette);
- ☒ Executed Declaration and Power of Attorney (2 sheets);
- ☒ Recordation Form Cover Sheet and Executed Assignment (4 sheets);
- ☒ Return Postcard

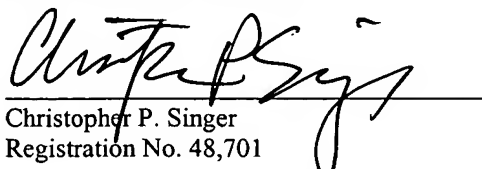
2. With respect to fees:

☒ The Commissioner is hereby authorized to charge our **Deposit Account No. 13-2490** in the amount of **\$40.00** for the Recordation Fee.

3. **GENERAL AUTHORIZATION TO CHARGE OR CREDIT FEES:** Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.

4. **CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 CFR § 1.10:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" in an envelope addressed to: Mail Stop: MISSING PARTS, Commissioner for Patents, Box New Application, P.O. Box 1450, Alexandria, VA 22313-1450, on this 29 day of **July, 2004**. Express Mail No. **EV334698394US**.

By:


Christopher P. Singer
Registration No. 48,701

Rec'd RET/PTO 29 JUN 2004

PATENT

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(Case No. 01-1637)

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Serial No.: 10/018,320)	Examiner: Shakeel Ahmed
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Filed: February 15, 2001)	Art Unit: To be assigned
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For: Stable Expression for Polymorphic)	Confirmation No. 1633
Forms of Human Cytochrome P450 2D6)	
As An Analytical Tool in Preclinical Drug)	
Development)	

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS,

MAILED MAY 21, 2004

Mail Stop MISSING PARTS
Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

Sir:

Applicant respectfully requests entry and consideration of the substitute sequence listing (CRF and paper copy) and executed Declaration and Power of Attorney, in response to the Notification of Missing Requirements (under 35 U.S.C. § 371), mailed May 21, 2004. No fee is believed due with this filing; however if a fee is due, the Commissioner is authorized to charge any related fee to Deposit Account No. 13-2490.

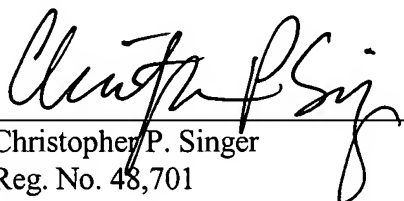
REMARKS

Applicant respectfully requests entry of the substitute sequence listing into the above-referenced application. Applicant submits a substitute sequence listing in compliance with 37 C.F.R. §§ 1.821-1.825. The substitute sequence listing merely corrects the errors as noted in the "raw sequence listing error report" provided with the Notification of Missing Requirements, mailed May 21, 2004. In particular, the genetic source is more fully described, and several formatting errors are corrected.

The substitute sequence listing is generated from the original application as filed and does not constitute new matter. The content of the substitute sequence listing in computer readable form (CRF) and the paper copy of the substitute sequence listing are the same (37 C.F.R. § 1.821(f)).

Respectfully submitted,
McDonnell Boehnen Hulbert & Berghoff LLP

Dated: June 29, 2004



Christopher P. Singer
Reg. No. 48,701

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/018,320	Niels Krebsfanger	01-1637

INTERNATIONAL APPLICATION NO.

PCT/DE01/00597

LA. FILING DATE	PRIORITY DATE
02/15/2001	03/14/2000

David S Harper
 McDONNELL BOEHNEN HULBERT & BERGHOFF
 Suite 3200
 300 South Wacker Drive
 Chicago, IL 60606

CONFIRMATION NO. 1633

371 FORMALITIES LETTER



OC000000012736666

Date Mailed: 05/21/2004

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 11/12/2001
- Copy of the International Search Report filed on 11/12/2001
- Preliminary Amendments filed on 11/12/2001
- Biochemical Sequence Listing filed on 11/12/2001
- Copy of references cited in ISR filed on 11/12/2001
- U.S. Basic National Fees filed on 11/12/2001
- Priority Documents filed on 11/12/2001

DOCKETED

MAY 26 2004

DUE DATE: 7-21-04
 BY: *[Signature]*

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of Annex C of the Administrative Instructions and 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
 - APPLICANT MUST PROVIDE:
 - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an

amendment directing its entry into the specification.

- A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
 - For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 306-2600
 - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHAKEEL AHMED

Telephone: (703) 305-3659

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/018,320	PCT/DE01/00597	01-1637